

Skill Sheet 11-I-2

Objective 22: Ventilate a pitched roof. (NFPA® 1001, 5.3.12)

Student Name: _____ **Date:** _____

Directions

For this skills evaluation checklist, students will ventilate a pitched roof. The procedures for opening pitched roofs are similar to those for opening flat roofs, but additional precautions must be taken to prevent slipping.

Equipment & Materials

- Full protective clothing including SCBA
- Pitched training roof
- Extension ladder
- Pike pole
- Pick-head axe or power saw

Criteria & Evaluation Comments

Criteria (determined by the AHJ)

After the candidate has completed the skill sheet, write comments below.

Evaluator/Candidate Comments

Pass

☐

Fail

☐

Evaluator Signature

Date

Student Signature

Date

Skills Evaluation Checklist

Objective 22: Ventilate a pitched roof.

Task Steps		Yes	No
1.	Confirm order with officer to ventilate pitched roof.		
2.	Size up scene for any hazards.		
3.	Select location for ventilation. <ul style="list-style-type: none"> a. Position upwind of planned ventilation opening. b. Sound for roof integrity. c. Observe fire and smoke conditions coming from roof openings (vents, etc.). d. Place ventilation opening in safe working area as close to fire as feasible and high on the roof. e. Avoid placing opening near roof mounted equipment. 		
4.	Outline ventilation opening with pick on axe or other similar tool. <ul style="list-style-type: none"> a. Must be at least 4' x 4' (1.2 m by 1.2 m) opening b. Remove gravel, tiles, or other materials that may limit ability to cut opening. 		
5.	Cut roof deck across the rafters on the high side of the roof parallel to the ridge. <ul style="list-style-type: none"> a. Cut is at least 4' (1.2 m) long or three rafters wide – inside 1st rafter, over 2nd rafter and inside 3rd rafter. b. Cut is completely through decking material but not through structural framing. c. Size up fire conditions inside roof from discharge through cut. d. Maintain situational awareness. 		
6.	Cut roof deck on furthest side of ventilation opening perpendicular to the cut made in Step 5. <ul style="list-style-type: none"> a. Begin cut at top of roof and work downward. b. Cut is at least 4' (1.2 m) long inside rafter #1. c. Cut is completely through decking material. d. Maintain situational awareness. 		

Task Steps		Yes	No
7.	Cut roof deck on opposite side of cut made in Step 6. a. Begin cut at top of roof and work downward. b. Cut is at least 4' (1.2 m) long inside rafter #3. c. Cut is completely through decking material. d. Maintain situational awareness.		
8.	Complete the ventilation opening by cutting between the bottom of the two parallel cuts made in Steps 6 and 7. a. Cut is completely through decking material. b. Maintain situational awareness.		
9.	Remove decking from the ventilation opening with axe or pike pole. a. Keep decking out of ventilation opening. b. Size up fire conditions in the roof space.		
10.	Plunge down through the ceiling using pike pole working from upwind side of ventilation opening.		
11.	Report to officer completion of assigned task.		